

**Table C-70. Federal obligations for basic research performed at universities and colleges in engineering, by selected agency and detailed field of engineering: fiscal year 2001**

[Dollars in thousands]

Agency and subdivision	Total	Aero- nautical	Astro- nautical	Chemical	Civil	Elec- trical	Mechan- ical	Metal- lurgy and materials	Engi- neering, n.e.c.
Total, all agencies .....	933,515	31,094	5,179	46,752	36,971	181,139	93,530	263,163	275,687
Departments:									
Department of Agriculture, total .....	6,094	0	0	161	50	29	38	0	5,816
Agricultural Research Service .....	325	0	0	161	50	29	38	0	47
Cooperative State Research, Education, & Extension Service .....	5,751	0	0	0	0	0	0	0	5,751
Forest Service .....	18	0	0	0	0	0	0	0	18
Department of Defense, total .....	357,609	7,948	2,309	5,857	572	130,144	69,640	90,714	50,425
Defense Agencies, total .....	216,689	2,571	2,309	5,636	296	86,183	38,364	64,286	17,044
Defense Adv Rsch Projects Agcy ..	40,126	0	0	1,039	0	5,545	0	16,498	17,044
Washington Headquarters Svcs ....	176,563	2,571	2,309	4,597	296	80,638	38,364	47,788	0
Department of the Air Force .....	59,384	3,232	0	0	0	15,236	13,556	7,982	19,378
Department of the Army .....	22,270	594	0	221	276	8,357	7,385	5,383	54
Department of the Navy .....	59,266	1,551	0	0	0	20,368	10,335	13,063	13,949
Department of Energy .....	26,373	0	0	0	0	0	11,261	15,112	0
Dept of Health & Human Svcs, total .....	75,399	0	0	0	0	0	0	25,228	50,171
National Institutes of Health .....	75,399	0	0	0	0	0	0	25,228	50,171
Other agencies:									
National Aeronautics & Space Administration .....	80,230	23,146	2,870	2,179	160	6,588	7,551	12,420	25,316
National Science Foundation .....	387,810	0	0	38,555	36,189	44,378	5,040	119,689	143,959

**KEY:** n.e.c. = Not elsewhere classified

**NOTES:** Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The basic research obligations of the six agencies included in this table represent approximately 99 percent of total Federal basic research obligations to universities and colleges in fiscal year 2001.

Data for only those agencies and subdivisions that had obligations in the variables represented by this table appear in the table. For additional notes associated with the agencies listed in this table, refer to appendix B.

**SOURCE:** National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2001, 2002, and 2003